

ABSTRACT

Train noise is one example of unwanted sounds that can disrupt the comfort of the environment, specifically in the settlements around Rakata Bandung street. For this reason, an evaluation that involves acoustic parameters is needed in terms of objective and subjective. Objective parameter involves direct measurement by measuring Equivalent Continuous Noise Level (L_{Aeq}) and Statistical Noise Level (L_N). Subjective parameters involve the assessment of questionnaires to respondents who will be shown the Soundscape results that have been recorded first and the residents in settlements around Rakata Bandung street based on time difference of morning, afternoon and night. The results obtained are, values for 7 (seven) measurement days in the morning around 69 dBA –73 dBA, afternoon around 66 dBA–77 dBA and night around 67 dBA-76 dBA. The results obtained from subjective measurements of residents found that significant differences were only possessed by one aspect in the morning, afternoon and night each day, in other aspects having the same conclusion. While for non-residents, it was found to have significant differences in all aspects in the morning, afternoon and night for all sampels heard.

Keyword : *Noise, Train, L_{Aeq} , Soundscape, Subjective Parameter*